

2. (Amended) A method of claim 1, wherein the resend request message contains values indicating a damaged portion of a data packet originally sent, and wherein the step of sending the requested data includes sending only the damaged portion of the requested data with the data to be currently sent.

540 f² } 4. (Amended) A method of claim 2, wherein said values indicating the damaged portion indicates a memory address for a range of data packets in a buffer, said range of data packets corresponding to the damaged portion of the data packet originally sent.

2^r 5. (Twice Amended) A video data sending and resending method between a coder and decoder, comprising:

storing video data in at least one buffer;

packetizing the video data from said at least one buffer and sending the resultant video data packet to a receiver;

sending to a sender a resend request message of video data if an error is detected in the sent data; and

sending the requested video data with video data to be currently sent from said at least one buffer to the receiver.

6. (Twice Amended) The method of claim 5, wherein the resend request message contains values to indicate a damaged portion of the video data packet and wherein

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only the damaged portion of the requested video data is sent with the video data to be currently sent.

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8. (Twice Amended) The method of claim 7, wherein the resending request message contains values indicating a memory address and range of block units corresponding to the damaged portion of the video data packet, and

wherein the step of sending the requested video data comprises sending the range of block units corresponding to the damaged portion of the requested video data with the video data to be currently sent, based upon said values.

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9. (Twice Amended) The method of claim 7, wherein the resending request message contains values indicating a range of DCT coefficients corresponding to the damaged portion of the video data packet, and wherein the step of sending the requested video data further comprises sending the video data corresponding to the range of DCT coefficients with the video data to be currently sent.

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11. (Twice Amended) The method of claim 5, wherein storing the video data further comprises:

storing video data for the current sending in a first buffer; and
storing a previously sent video data in a second buffer,

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wherein the step of sending the requested video data further comprises sending the requested video data from the second buffer with the video data to be currently sent from the first buffer.

SUB E4 } 13. (Twice Amended) A video coding and decoding system, comprising:
at least one buffer;
a video data coding processor storing a compressed video data in said at least one buffer;
a data sending processor configured to packet the video data from the at least one buffer and transmit the video data packets to the receiver; and
a data receiving processor configured to receive the video data packets and send a resending request message of a video data if an error is detected, wherein the data sending processor is further configured to send the requested video data with video data to be currently sent from said at least one buffer to the receiver.

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14. (Twice Amended) The system of claim 13, wherein the resend request message comprises values indicating a damaged portion of the video data packet and wherein the data sending processor sends only the damaged portion of the requested video data with the video data to be currently sent.

sup F² } 15. (Twice Amended) The system of claim 13, wherein the resent request message comprises values indicating a range of DCT coefficients corresponding to the damaged portion of the video data packet, and wherein the data sending processor sends a data portion corresponding to the DCT coefficients with the video data to be currently sent.

B6 17. (Twice Amended) The system of claim 16, wherein the resending request message contains values indicating a memory address and range of block units corresponding to the damaged portion of the video data packet, and wherein the data sending processor sends the range of block units corresponding to the damaged portion of the requested video data with the video data to be currently sent, based upon said values.

sup F¹ } 19. (Twice Amended) The system of claim 13, further comprising:
a first buffer configured to store video data for the current sending; and
a second buffer configured to store a previously sent video data,
wherein the data sending processor sends the requested video data from the second buffer with the video data to be currently sent from the first buffer.

23. (Amended) The method of claim 1, wherein the step of sending the requested data includes multiplexing the requested data with the data to be currently sent.

sup F¹ } 24. (Amended) The method of claim 1, wherein the multiplexed data is sent over a single channel to a receiver.

25. (Amended) The method of claim 5, wherein the step of sending the requested video data includes sending the requested video data with the video data to be current sent to the receiver over a single channel.

26. (Amended) The method of claim 5, wherein the step of sending the requested data with data to be currently sent comprises multiplexing the requested data with the data to be currently sent.

27. (Amended) The system of claim 13, wherein the data sending processor and the data receiving processor are coupled over a single channel, and wherein the requested data and the data to be currently sent are sent on the single channel.

REMARKS

Claims 1-27 are pending. Claims 1, 2, 4-6, 8, 9, 11, 13-15, 17, 19, and 23-27 have been amended to clarify the inventions defined therein.

Reconsideration of the application is respectfully requested for the following reasons.

In the Office Action, the Examiner rejected claims 1-27 under 35 USC § 112, first paragraph, on grounds that the specification fails to enable one skilled in the art to make and use the claimed invention. Specifically, the Examiner has taken the position that the specification does not enable the step of "packetizing" video data to be resent with video data to be currently sent. Applicants traverse this rejection for the following reasons.